

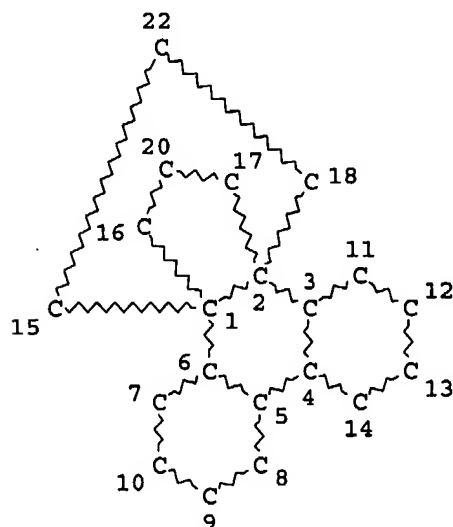
FILE 'REGISTRY' ENTERED AT 11:42:59 ON 13 JAN 2005
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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STRUCTURE FILE UPDATES: 11 JAN 2005 HIGHEST RN 811782-89-5
DICTIONARY FILE UPDATES: 11 JAN 2005 HIGHEST RN 811782-89-5
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Please note that search-term pricing does apply when conducting SmartSELECT searches.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

L14 STR



GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 20

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L16      22 SEA FILE=REGISTRY SSS FUL L14
L17      13 SEA FILE=REGISTRY ABB=ON  PLU=ON  L16 AND 5/NR
L18      13 SEA FILE=REGISTRY ABB=ON  PLU=ON  L16 AND C5-C5-C6-C6-C6/ES
L19      13 SEA FILE=REGISTRY ABB=ON  PLU=ON  (L17 OR L18)

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=> d his

(FILE 'HOME' ENTERED AT 11:24:42 ON 13 JAN 2005)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:24:51 ON 13 JAN 2005

L1 E TUAN C/AU
7 S E4,E14
L2 E TSAI Z/AU
1 S E15
E HSU S/AU
L3 191 S E3,E19,E20,E24,E25
E CHENG H/AU
L4 227 S E3,E4
E CHENG HAN/AU
L5 4 S E3,E4
E CHENG Y/AU
L6 189 S E3,E8
E CHENG YU/AU
L7 96 S E3,E23
E CHENG YUFEN/AU
L8 8 S E3
E CHANG S/AU
L9 453 S E3,E19,E20
E CHANG CSHINN/AU
E CHANG SHINN/AU
L10 30 S E5
L11 0 S L1-L10 AND ?PHENATHREN?

FILE 'REGISTRY' ENTERED AT 11:29:21 ON 13 JAN 2005

L12 STR
L13 0 S L12
L14 STR L12
L15 2 S L14
L16 22 S L14 FUL
SAV L16 QAZI774/A
L17 13 S L16 AND 5/NR
L18 13 S L16 AND C5-C5-C6-C6-C6/ES
L19 13 S L17,L18
L20 9 S L16 NOT L19

FILE 'HCAOLD' ENTERED AT 11:42:13 ON 13 JAN 2005

L21 0 S L19

FILE 'HCAPLUS' ENTERED AT 11:42:16 ON 13 JAN 2005

L22 4 S L19
L23 0 S L22 AND L1-L10

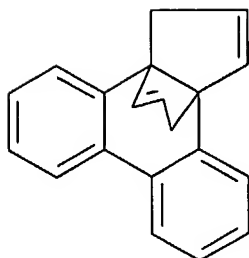
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L24 0 S L19

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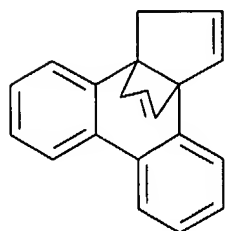
=> d ide can tot l19

L19 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 632325-31-6 REGISTRY
CN 11b,3a-Propeno-1H-cyclopenta[l]phenanthrene (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H16
CI RPS
SR CA Index Guide or Ring Systems Handbook

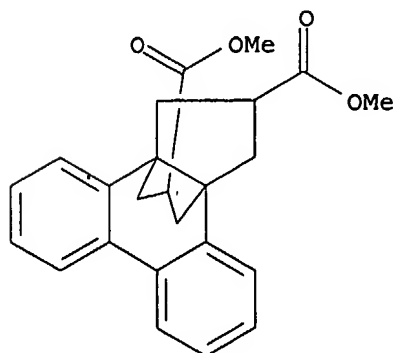


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L19 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 629643-94-3 REGISTRY
CN 3a,11b-Propeno-1H-cyclopenta[1]phenanthrene (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H16
CI RPS
SR CA Index Guide or Ring Systems Handbook



L19 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 626201-13-6 REGISTRY
CN 3a,11b-Propano-1H-cyclopenta[1]phenanthrene-2,13-dicarboxylic acid,
2,3-dihydro-, dimethyl ester, stereoisomer (9CI) (CA INDEX NAME)
MF C24 H24 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); RACT
(Reactant or reagent)

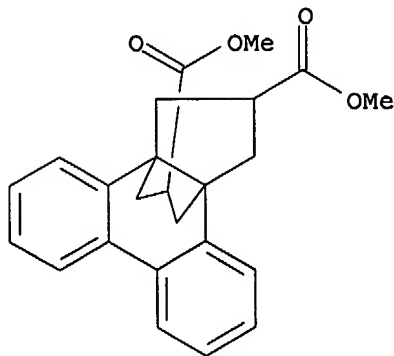


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 626201-12-5 REGISTRY
CN 3a,11b-Propano-1H-cyclopenta[1]phenanthrene-2,13-dicarboxylic acid,
2,3-dihydro-, dimethyl ester, stereoisomer (9CI) (CA INDEX NAME)
MF C24 H24 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

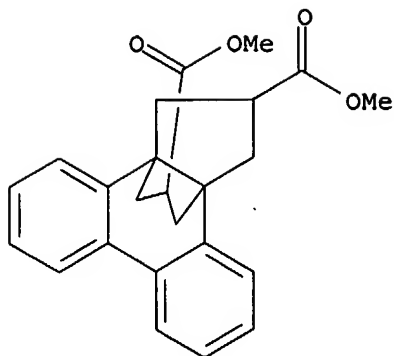


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 626201-11-4 REGISTRY
CN 3a,11b-Propano-1H-cyclopenta[1]phenanthrene-2,13-dicarboxylic acid,
2,3-dihydro-, dimethyl ester, stereoisomer (9CI) (CA INDEX NAME)
MF C24 H24 O4
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); PRP (Properties); RACT
(Reactant or reagent)

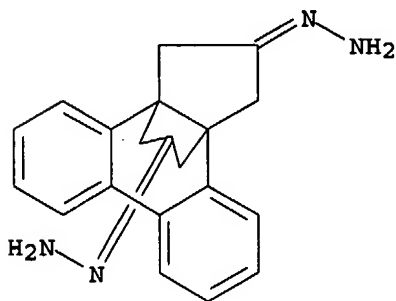


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 626201-10-3 REGISTRY
CN 3a,11b-Propeno-1H-cyclopenta[1]phenanthrene-2,13(3H)-dione, dihydrazone, stereoisomer (9CI) (CA INDEX NAME)
MF C20 H20 N4
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)



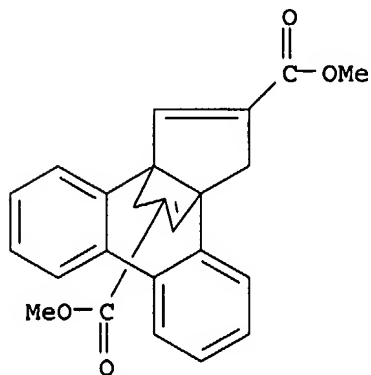
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 625834-87-9 REGISTRY
CN 11b,3a-Propeno-1H-cyclopenta[1]phenanthrene-2,13-dicarboxylic acid, dimethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H20 O4
SR CA

LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN

RN 625834-86-8 REGISTRY

CN 3a,11b-Propeno-1H-cyclopenta[1]phenanthrene-2,13-dicarboxylic acid,
dimethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

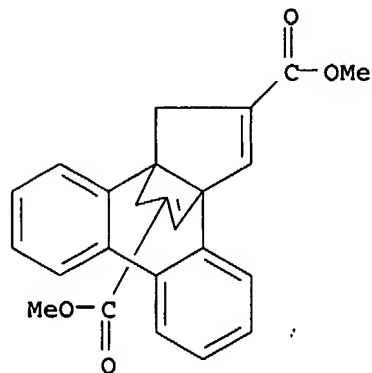
MF C24 H20 O4

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

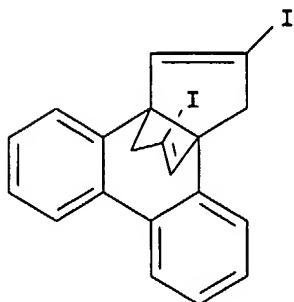


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 625834-85-7 REGISTRY
CN 11b,3a-Propeno-1H-cyclopenta[l]phenanthrene, 2,13-diiodo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H14 I2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

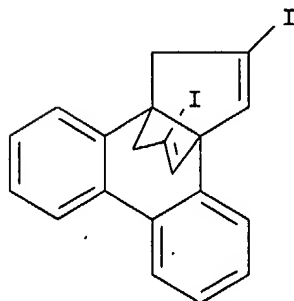


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 625834-84-6 REGISTRY
CN 3a,11b-Propeno-1H-cyclopenta[l]phenanthrene, 2,13-diiodo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H14 I2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

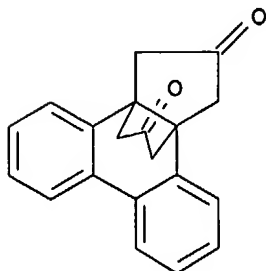


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:395638

L19 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 164530-72-7 REGISTRY
CN 3a,11b-Propano-1H-cyclopenta[1]phenanthrene-2,13(3H)-dione (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H16 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

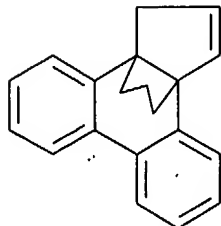
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REFERENCE 1: 139:395638

REFERENCE 2: 128:114621

REFERENCE 3: 123:55418

L19 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN
RN 98881-53-9 REGISTRY
CN 3a,11b-Propano-1H-cyclopenta[1]phenanthrene (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H18
CI RPS
SR CA Index Guide or Ring Systems Handbook

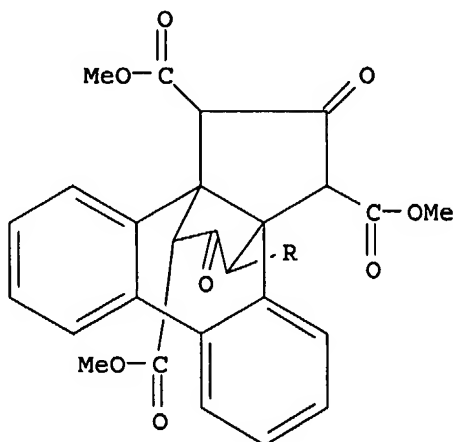


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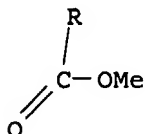
L19 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2005 ACS on STN

RN 98405-92-6 REGISTRY
 CN 3a,11b-Propano-1H-cyclopenta[1]phenanthrene-1,3,12,14-tetracarboxylic
 acid, 2,3-dihydro-2,13-dioxo-, tetramethyl ester (9CI) (CA INDEX NAME)
 MF C28 H24 O10
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: PREP (Preparation)

PAGE 1-A



PAGE 2-A



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2 REFERENCES IN FILE CA (1907 TO DATE)
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REFERENCE 1: 128:114621

REFERENCE 2: 103:141178

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 11:43:13 ON 13 JAN 2005

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